

WHAT WE CLAIM IS:

1. A developing roller comprising a shaft, an elastic layer formed on the outer periphery of the shaft, and at least one resin outer layer formed on the outer periphery of the elastic layer, wherein

fine particles are dispersed in the resin outer layer.

2. A developing roller as claimed in claim 1, wherein the mean particle diameter of the fine particles is in a range of 1 to 50 μm .

3. A developing roller as claimed in claim 1, wherein the content of the fine particles is in a range of 0.1 to 100 parts by weight relative to 100 parts by weight of resin.

4. A developing roller as claimed in claim 1, wherein the thickness of the resin outer layer is in a range of 1 to 100 μm .

5. A developing roller as claimed in claim 1, wherein the ratio of the mean particle diameter "a" of the fine particles and the thickness "b" of the resin outer layer, i.e. "a/b", is in a range of 0.03 to 0.5.

6. A developing roller as claimed in claim 1, wherein the resin outer layer is made of a ultraviolet-curable resin or an electron-beam-curable resin.

7. A developing roller as claimed in claim 1, wherein the fine particles are fine particles of a rubber or a synthetic resin.

8. A developing roller as claimed in claim 7, wherein the fine particles are fine particles of at least one selected from a group consisting of silicone rubber, fluoroplastic, urethane elastomer, urethane acrylate, melamine resin, and

phenol resin.

9. A developing roller as claimed in claim 1, wherein the fine particles are glassy carbon fine particles.

10. A developing roller as claimed in claim 1, wherein
5 the resin outer layer contains a conductive agent.

11. A developing roller as claimed in claim 10, wherein the content of the conductive agent is in a range of 0.01 to 20 parts by weight relative to 100 parts by weight of the resin.

12. A developing roller as claimed in claim 1, wherein
10 the elastic layer is molded in a mold and the resin outer layer is formed without grinding the surface of the elastic layer.

13. An image forming device having a developing roller, wherein the developing roller is the developing roller as claimed in claim 1.

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